

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

## INVENTORSHIP IDENTIFICATION

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## TITLE OF INVENTION

*"SELF-CLEANING PROCESS FOR ETCHING SILICON-CONTAINING MATERIALS"*

## SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto
- ☒ was filed on 2/18/00, under Serial No. 09/507,629, executed on even date herewith; or ☐ Express Mail No. \_\_\_\_\_ (as Serial No. not yet known) and was amended on \_\_\_\_\_ (if applicable)
- ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

## ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with the requirements of 35 U.S.C. 112(b) and 37 CFR 1.56.

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☒ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR § 1.98.

#### PRIORITY CLAIM (35 U.S.C. § 119)

I hereby claim foreign priority benefits under Title 35, United States Code § 119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- ☒ No such applications have been filed.

- ☐ Such applications have been filed as follows:

- A. Prior foreign/PCT application(s) filed within 12 months (6 months for design) prior to this application, and any priority claims under 35 U.S.C. § 119:

Country/PCT	Application No.	Date Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No

- B. All foreign application(s), if any, filed more than 12 months (6 months for design) prior to this U.S. application:

Country:  
Application No:  
Filing date:

#### PRIORITY CLAIM (35 U.S.C. § 120)

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) that was not disclosed between the filing date of the prior application(s) and the filing date of this application.

☐ No such applications have been filed.

☒ Such applications have been filed as follows:

Serial No.	Filing Date	Patented	Status		Abandoned
			Pending		
09 507,629	2/18/00		X		

#### POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
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Robert W. Mulcahy	Registration No. 25,436
Sarah J. Brashears	Registration No. 38,087
Ashok K. Janah	Registration No. 37,487
Guy M. Tucker	Registration No. 45,302

Send correspondence to:      Direct telephone calls to:

Applied Materials, Inc.  
Patent Department  
P.O. Box 450A  
Santa Clara, CA 95052

Ashok K. Janah  
(415) 538-1555

# DECLARATION

*I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.*

Full name of first or sole inventor: **SHEN, MEIHUA**

Inventor's signature: \_\_\_\_\_  
 Residence: Fremont, California  
 Post Office Address: 694 Perry Common  
 Fremont, California 94539  
 U.S.A.

Date: \_\_\_\_\_

Country of Citizenship: P.R.C.

Full name of second inventor: **JIANG, WEI-NAN**

Inventor's signature: \_\_\_\_\_  
 Residence: San Jose, California  
 Post Office Address: 3089 Etruscan Drive  
 San Jose, California, 94040  
 U.S.A.

Date: \_\_\_\_\_

Country of Citizenship: P.R.C.

Full name of third inventor: **YAUW, ORANNA**

Inventor's signature: \_\_\_\_\_  
 Residence: Sunnyvale, California  
 Post Office Address: 777 South Mathilda Avenue #136  
 Sunnyvale, California 94087  
 U.S.A.

Date: \_\_\_\_\_

Country of Citizenship: P.R.C.

Full name of fourth inventor: CHINN, JEFFREY

Inventor's signature: \_\_\_\_\_

Date: 11/7/

Residence: Foster City, California

Post Office Address: 605 St. Croix Lane  
Foster City, California 94404  
U.S.A.

Country of Citizenship: U.S.A

(Declaration ends with this page)

- ☐ Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.117(a)-(d), for the total number of months checked below:

Extension (months)	Fee (for other than small entity)
<input type="checkbox"/> 1 month	\$ 110.00
<input type="checkbox"/> 2 months	370.00
<input type="checkbox"/> 3 months	870.00
<input checked="" type="checkbox"/> 4 months	1,360.00

If an additional extension of time is required please consider this a petition therefor.

☒ Late filing Fee \$130.00

Total fees: \$ 2672.00

- ☒ The Commissioner is hereby authorized to charge **\$2672.00** **and any additional fees** which may be required, or credit any overpayment, to Deposit Account No. 50-1074.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of 2/18/2000. Please telephone the undersigned at (408)-563-2726 if there are any questions regarding this matter.

APPLIED MATERIALS, INC.  
Legal Affairs Department  
3050 Bowers Ave., MS 2634  
Santa Clara, CA 95054

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C., 20231, on **September 21, 2000**

Robert W. Mulcahy  
Attorney for Applicant  
Registration No. 25,436

Susana